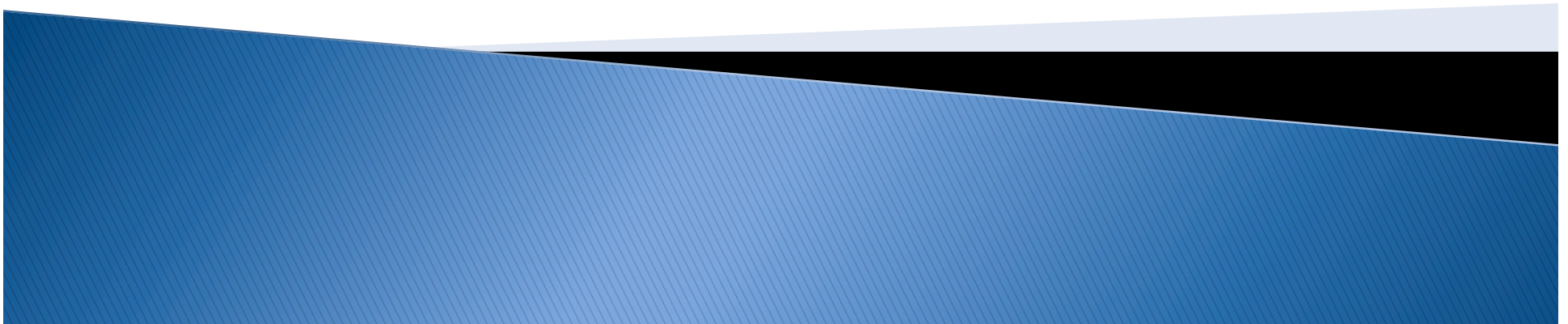




Coal and Utah's Economy

Governor's Energy Development Summit

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The Utah Coal Industry: Economic and Fiscal Impacts

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Utah Coal Mining in 2011

- ▶ Direct jobs – 1,748
- ▶ Total wages – \$132 million
- ▶ Average wage per employee – \$75,000
- ▶ Average compensation per employee (wages plus benefits) – \$90,000



	Employment	Compensation	GSP
Service	2,107	64,045,747	135,843,355
Mining	1,778	180,129,489	434,537,605
Trade	489	16,213,957	27,575,998
TIPU	172	11,052,299	22,802,203
Manufacturing	56	2,970,337	5,448,662
Government	36	2,574,989	2,274,418
Construction	26	982,212	1,580,308
Agriculture	9	82,047	308,995
Total	4,674	278,051,077	630,371,504

Table 1: The impact of coal mining on Utah's major industries. Notes: (a) TIPU stands for Transportation, Information, and Public Utilities, (b) GSP stands for Gross State Product, (c) Trade refers to domestic retail and wholesale trade, and (d) Compensation and GSP are expressed in inflation-adjusted, year 2012 dollars. *Source: Analysis generated by the Bureau of Economic and Business Research, University of Utah, using the IMPLAN model.*



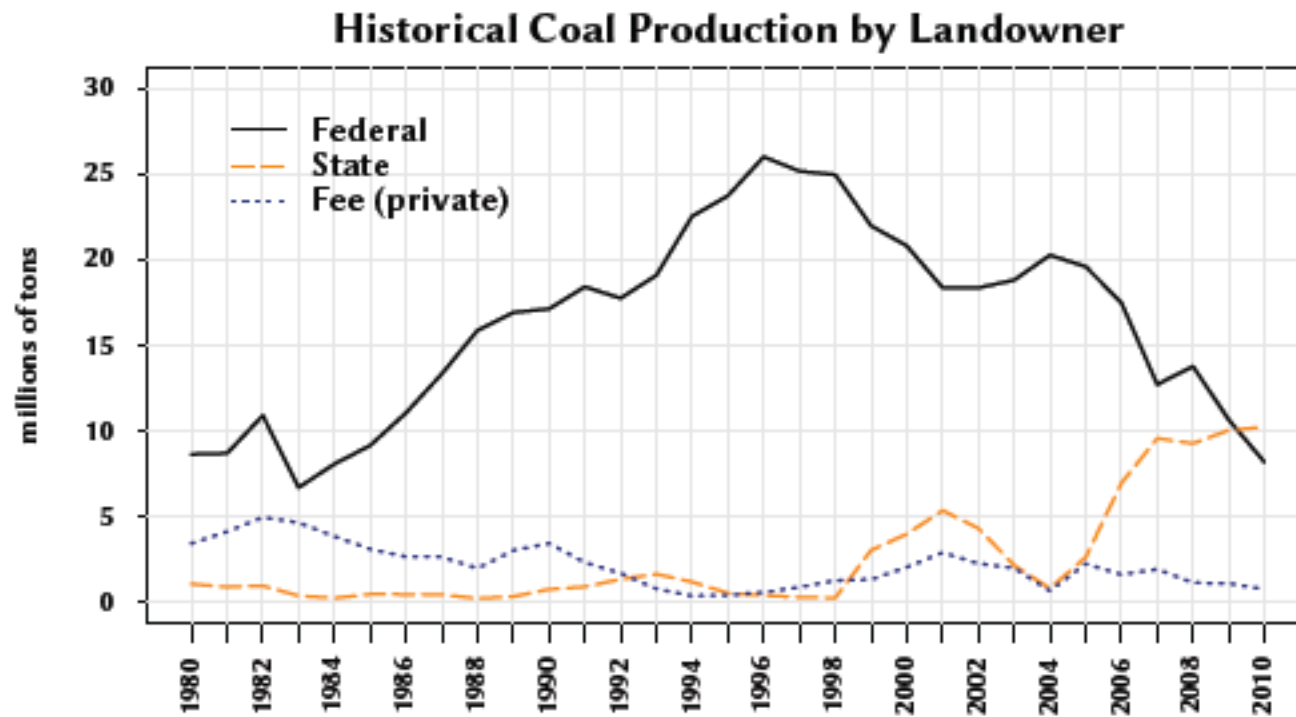


Figure 5: Coal production according to landowner. Data Sources: *Utah Geological Survey, Energy and Mineral Data, Chapter 2.*

	Royalties Paid to U.S.	Disbursed to Utah
2001	35,153,429	18,627,007
2002	27,086,722	13,710,260
2003	26,406,418	11,111,252
2004	29,746,806	15,871,256
2005	32,207,161	16,110,508
2006	30,379,449	14,905,523
2007	26,836,091	13,371,186
2008	23,983,040	12,543,449
2009	21,583,899	10,801,195
2010	29,226,780	13,971,711
2011	18,175,580	9,040,097

Table 6: Federal Coal Royalties and Utah's Share. All values expressed in year 2012 dollars. Data Source: *Office of Natural Resources Revenue.*



SITLA Royalties	
2000	5,598,340
2001	8,049,153
2002	8,164,995
2003	5,126,323
2004	4,326,654
2005	1,749,631
2006	5,355,916
2007	7,377,103
2008	11,018,556
2009	17,614,575
2010	16,505,095
2011*	12,500,000

Table 7: Royalties from coal production on state (SITLA) land. All values expressed in year 2012 dollars.

*Note: Year 2011 royalty estimated by BEBR. Data Source: *SITLA Annual Reports*.



Property Taxes	
2001	4,616,840
2002	4,521,333
2003	4,282,260
2004	4,561,904
2005	4,734,372
2006	4,476,293
2007	5,722,903
2008	4,450,975
2009	4,406,626
2010	4,460,936
2011	4,324,421

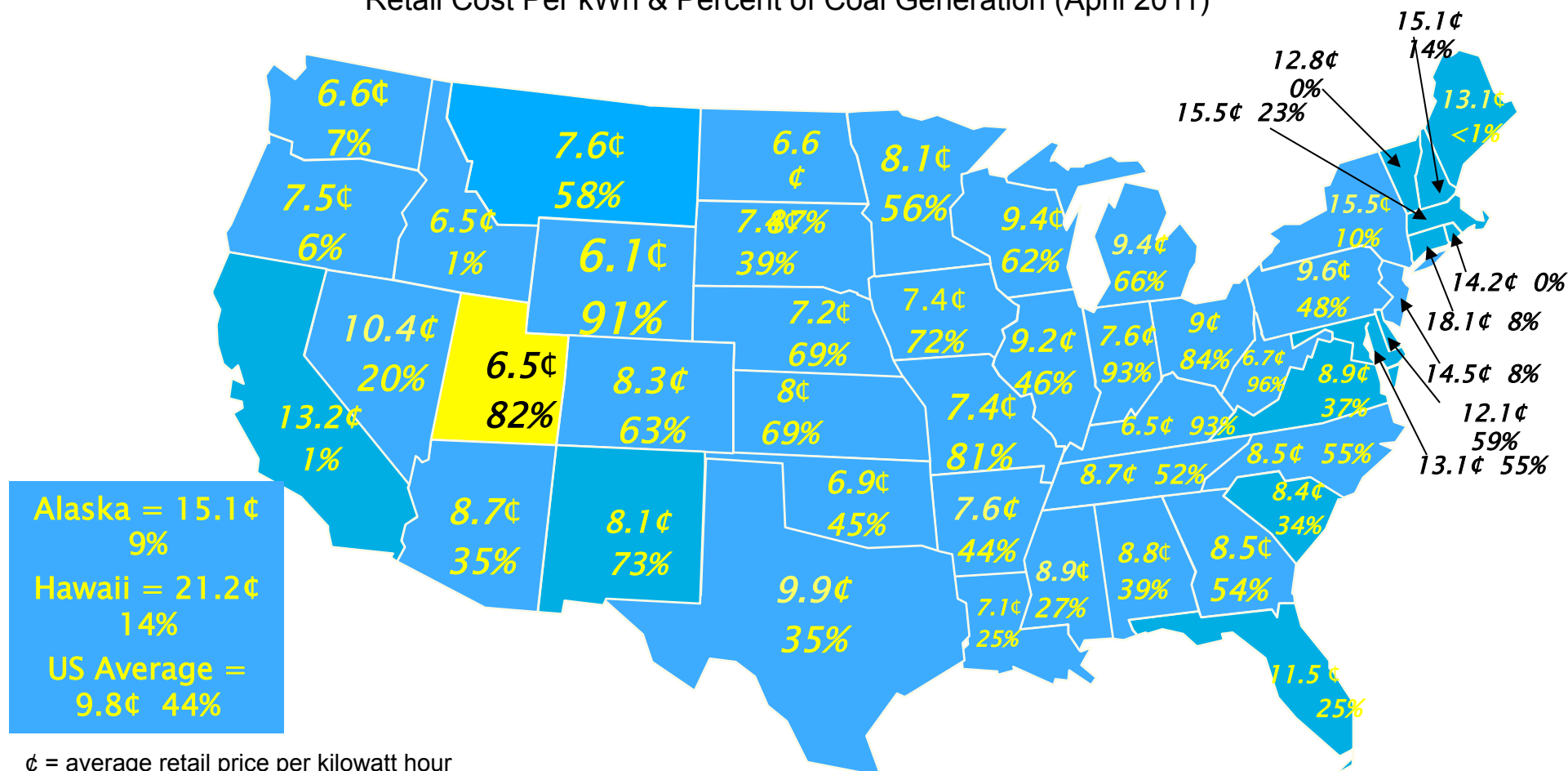
Table 8: Property Taxes paid by Utah coal mines. All values expressed in year 2012 dollars. Note: Year 2011 royalty estimated by BEBR. Data Source: *Utah State Tax Commission Annual Reports*.



Low-Cost Electricity from Coal:

Coal accounts for 44% of U.S. Electricity

Retail Cost Per kWh & Percent of Coal Generation (April 2011)



¢ = average retail price per kilowatt hour

% = percent of total generation from coal

Source: Energy Information Administration, April 2011

- ▶ **Energy competitiveness is a critical component of economic development**
- ▶ **Diversified energy portfolio**
- ▶ **Mining is key to Utah's future**





Thank You

